

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of Hiroyuki Horiuchi

Serial No.: 09/808,130

Art Unit: 1774

Filed: March 15, 2001

Examiner: Tamra Dicus

Title: RECORDING MATERIAL

APPENDIX

Please amend claims 1, 2, 4, 5, 7-9, 11 and 12 as follows:

1. (Amended) A recording material in which an ink receiving layer containing at least a resin and a pigment is provided on a substrate characterized in that the ink receiving layer is porous, apparent density thereof is [0.2 to] between 0.5 and 0.8 g/cm³ and heat conductivity of the ink receiving layer and the substrate is 0.1 to 0.25 W/mK.

2. (Amended) A recording material in which an ink receiving layer containing at least a resin and a pigment is provided on a substrate characterized in that the ink receiving layer is porous, apparent density thereof is 0.2 to 0.8 g/cm³ and heat conductivity of the ink receiving layer and the substrate is 0.1 to 0.25 W/mK [A recording material of claim 1], wherein center line average roughness of the ink receiving layer surface is .20 to 0.45 μ m .

4. (Amended) A recording material of claim 1, wherein statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm³ when measured according to JIS P 8143.

5. (Amended) A recording material of claim 1, wherein the average pore diameter of the surface layer of the ink receiving layer is 0.05 to 1 μm , statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm³ when measured according to JIS P 8143.

7. (Amended) A recording material of claim 2, wherein statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm³ when measured according to JIS P 8143.

8. (Amended) A recording material of claim 2, wherein the average pore diameter of the surface layer of the ink receiving layer is 0.05 to 1 μm , statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm^3 when measured according to JIS P 8143.

9. (Amended) A recording material in which an ink receiving layer containing at least a resin and a pigment is provided on a substrate characterized in that the ink receiving layer is porous, apparent density thereof is 0.2 to 0.8 g/cm^3 and center line average roughness of the ink receiving layer surface is 0.20 to 0.45 μm .

11. (Amended) A recording material of claim 9, wherein statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm^3 when measured according to JIS P 8143.

12. (Amended) A recording material of claim 9, wherein the average pore diameter of the surface layer of the ink receiving layer is 0.05 to 1 μm , statical coefficient of friction observed between the ink receiving layer surface and [the] a recording material back surface is 0.1 to 0.7, dynamical coefficient of friction observed between the ink receiving layer

surface and the recording material back surface [the same two surfaces] is 0.1 to 0.6 and the stiffness of the recording material in the longitudinal direction thereof is 40 to 300 cm³ when measured according to JIS P 8143.